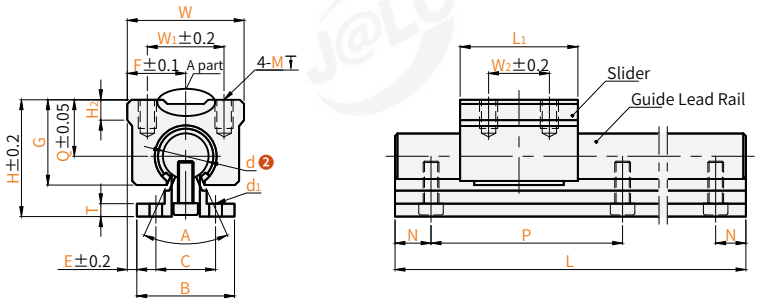
Support Bearing Box Unit
Flange
Standard/Widened

Order guide: SBRS - 16 - L200 - 1
1 Type; 2 Nominal shaft diameter d; 3 Guide rail length; 4 Number of sliders
Please refer to the series code to select the type and parameters for ordering.

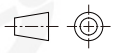
Order guide: SBR - 16 - L - UU
1 Type; 2 Nominal shaft diameter d; 3 Guide rail length; 4 Number of sliders
Please refer to the series code to select the type and parameters for ordering.

Code	Category	Box unit shape	Linear bearing type ③	Material			Surface treatment
				Guide rail	Slider	Bearing	Slider
SBRS	Support Bearing Box Unit(assembly)	Standard flange	Single liner	SUJ2	Aluminum alloy	SUJ2	Natural anodized
SBRSL			Double liner				
SBR···UU	Support Bearing Box Unit(single piece)		Single liner	—			
SBR···LUU			Double liner				

- This product is only suitable for horizontal mounting with loads acting vertically on the slider. No other use is recommended!
- Length dimension L more than 3000mm can be splicing solution, if necessary, please special note or customized from the picture.



- The structure at the mounting surface of the slider in part A may vary depending on the specifications, which does not affect the installation and use of the product.
- N=[L-(K~-1)×P]/2, K is the number of mounting holes, N≤P/2. Please note that there is a risk of broken edges if N≤d1/2.
- When installing the guide Lead Rail: it is recommended to use **EDLF-J9** type of short-head hexagonal socket head screws.


Visual standards: first perspective

Model Code	d ②	L ③ Min. unit 1	Number of sliders ④	B	C	P	E	H	d1	T	Weight Box unit(kgf)	Weight Guide rail(kgf/m)
Support bearing box unit(assembly) SBRS SBRSL	(12)	200~3000	0~10	30	22	100	5.5	40	4.5	4	1.10	1.60
	16			40	30	150	2.5	45	5.5	5	0.15	2.56
	20			45	30		1.5	50			0.20	3.50
	25			55	35		2.5	60	6.6	6	0.45	5.30
	30			60	40		5	70		7	0.63	7.38
	35			65	45	200	7.5	80	9	8	0.92	9.68
	40			75	55			90		9	1.33	12.69
	50			95	70		12.5	115	11	11	3	20.65

- Specifications with () are not applicable to double liner type **SBRSL**.
- **SBRS** with slider **SBR---UU**
- **SBRSL** with slider **SBR---LUU**

- Component price = (unit price per meter of guide Lead Rail * length of guide Lead Rail) + (unit price of slider * number of sliders)

Model Code	d ②	L1 SBR···UU	L1 SBR···LUU	F	G	H2	W	W1	W2 SBR···UU	W2 SBR···LUU	A	M-depth	Q	Basic Load Rating(N) SBR···UU C(Dynamic)N	Basic Load Rating(N) SBR···UU Co(Static)N	Basic Load Rating(N) SBR···LUU C(Dynamic)N	Basic Load Rating(N) SBR···LUU Co(Static)N
Support bearing box unit(sliders) SBR···UU SBR···LUU	(12)	39	—	20.5	28	9	41	28	26	—	80°	M5-10	17.5	660	1020	—	—
	16	45	85	22.5	33		45	32	30	60		M5-12	20	772	1172	1550	2362
	20	50	96	24	39	11	48	35	35	70	60°	M6-12	23	862	1372	1766	2742
	25	65	130	30	47	14	60	40	40	100			27	982	1562	1962	3142
	30	70	140	35	56	15	70	50	50	110		M8-18	33	1562	2742	3142	5482
	35	80	155	40	63	18	80	55	55	120	50°		37	1662	3132	3342	6262
	40	90	175	45	72	20	90	65	65	140		M10-20	42	2152	4012	4322	8042
	50	110	215	60	91	25	120	94	80	160			53	3822	7932	7642	15882

- Specifications with () are not applicable to double lined**SBR···LUU**.